



11:00 AM [Welcome, Credits, and Certificates](#)

11:05 AM **Wood Glazed Facades in Net Zero and Passive Buildings**

Architects and LEED professionals understand the numerous benefits of building with wood. But many are unaware of its application in a timber curtain wall (TCW). Today's technology provides opportunities to incorporate the beauty and energy-efficiency of wood into glazed facades that not only bring the outdoors in but also serve as the building's heavy lifter. This course will present the differences between a conventional curtain wall and a timber curtain wall including load-bearing and non-load-bearing capabilities as well as net-zero and passive building. We will also show examples of projects using TWC.

Sergiy Kholodov  
Allegion / Unicel Architectural Corp    Provider #: J247  
AIA #:SP24014 HSW

12:05 PM [Review of Session Code Process](#)

12:10 PM **Western Red Cedar, Distinctive Sustainable Design**

The Western Red Cedar Lumber Association (WRCLA) is a Non-Profit trade association that was established in 1954. We offer training to discerning users of WRC including the architect community. Western Red Cedar Distinctive Sustainable Designs is a one-hour, face-to-face training session developed for the architect community and provided by WRCLA qualified trainers. Through this one hour session, architects will increase their knowledge of WRC; its' properties and performance characteristics.

Paul Mackie  
Western Red Cedar Lumber Assn (WRCLA)    Provider #: G422  
AIA #:WRCLA5 HSW | GBCI (USGBC/CAGBC) #:0920029577

01:10 PM [Break](#)

01:25 PM **Sustainable Exterior Envelope**

This course focuses on the effect biological and physical agents have on the wood substrate of the exterior building envelope. After reviewing these agents, you will learn how proper installation and best building practices can limit the exposure these agents can pose to your project. Durable wood substrates will also be discussed with a comparison of popular man-made durability agents used to further protect the exterior envelope.

Corbin Rinehart  
WindsorONE    Provider #: T109  
AIA #:ExtEnvelope23 HSW

02:25 PM [Break](#)

02:40 PM

### Understanding Wood Aesthetic Cladding and Soffit Technologies

This learning unit will provide an in-depth overview of current “wood” design technologies natural and synthetic. - Identify current market “wood aesthetic” technologies - Understand the core materials of each technology - Understand the sustainable features and Life Cycle benefits for each technology based on the following criteria: Color Retention, Maintenance & Warranty - Describe the surface burning characteristics and explain how they can be specified to achieve code compliance - Installation Details - Budgetary Information

Yancey Hughes

Hughes & Associates Provider #: L161

AIA #:GL WPC 2023 HSW | GBCI (USGBC/CAGBC) #:0920024241

03:40 PM

### Thermally Modified Wood as a Sustainable, Biophilic Product Choice for Architects and Designers

This course examines the use of thermally modified woods in sustainable building practices. Through this course, participants will gain a comprehensive understanding of the thermally modified wood process, its environmental benefits, and its applications in architectural design. We will explore the science behind thermal modification, its impact on wood properties, and its advantages over traditional wood treatments. Additionally, the course will address key considerations for specifying, installing, and maintaining thermally modified wood products, equipping attendees with the knowledge needed to incorporate this innovative material into their projects. Discover how thermally modified woods are reshaping the landscape of sustainable construction and contributing to a greener future.

Lisa Ayala

GMX Group Provider #: 10093159

AIA #:GMXThermWood27 HSW | GBCI (USGBC/CAGBC) #:0920030910

04:40 PM

End

